Ali Hussain

Waterloo, ON N2J 0B8
me@alihussa.in | (519) 589-3253

Work Experience

Kik Interactive, Inc. | Release & QA Engineering
September 2015 - December 2015 | Waterloo, ON

- Led testing efforts for multiple new features
- Designed and executed black box testing plans for unreleased features
- Collaborated with project leads and developers throughout testing
- Documented over 100 software defects using Github issue tracker

Kenna | IT Systems Administrator
January 2015 - April 2015 | Toronto, ON

- Doubled efficiency of helpdesk system, completed over 75 tickets in 4 months
- Handled IT responsibilities of entire office with over 50 users and 80 devices
- Researched ideas to increase efficiency of IT department
- Implemented new WiFi and antivirus infrastructure
- Authored/published process manuals and project notes to company wiki

Recent Projects (more info and projects at alihussa.in)

Feedback Bot | Kik Hack Week
December 2015 | Waterloo, ON

Used an existing bot framework to create an interactive bot for Kik Messenger that allows users to leave feedback about new updates and their changes. The feedback is analyzed and a summary of overall sentiment is available to Kik employees through the same bot.
Python + NLTK, Firebase

App Store Analysis | Side Project at Kik
September 2015 - October 2015 | Waterloo, ON

Developed a program to pull and process app store reviews for Kik across both iOS & Android stores. Reviews are clustered based on topic/version and processed through a trained sentiment analyzer. A web based dashboard is then used to display trends and general attitude towards updates.
Python + NLTK, Pandas, BeautifulSoup - Javascript + jQuery, D3, NVD3 - MySQL

Retail Rewards System | Unnamed Small Business
May 2015 | Halifax, NS

Developed and implemented a rewards system for a small business. Customers are issued rewards cards which, when presented at the store, give them a 15% cashback on purchases to be redeemed at a later date. The system is interlinked with the customer database and point of sale to maintain ease of use and accuracy.
PHP, HTML, MySQL

Awards

2013	4th place	Dalhousie University Programming Contest
2013	2nd place	Saint Mary's University Hack-a-Week
2013	10th percentile	Euclid Mathematics Contest

Education

University of Waterloo
BMath | Expected 2018

Math/Business Administration
Transfering to CS & Statistics

Links

Http:// alihussa.in
Github:// allawi
LinkedIn:// ahussain5

Technical Skills

Intermediate

- C
- Python
  - Pandas
  - Flask
- PHP
- HTML/CSS
  - Bootstrap
- Racket/Lisp

Novice

- Javascript
  - jQuery
  - D3
  - NVD3
- MySQL

Miscellaneous

- Sublime, Vim
- Windows Server
- Linux Server
- Docker
- VMware vCenter
- VLANs
- Data Structures
- Regression Modeling

Hobbies & Interests

- Fitness and Nutrition
- Programming
- IT and Networking
- Puzzles and Problem Solving
- Video Games
- Tutoring